## Summary

The invention concerns a procedure to adapt the operating mode of a multimode codec to the changing transmission conditions in a CDMA mobile transmission network. The object consists of the coordination of the adaption of the codec operating modes in both transmission interfaces involved.

This is achieved by a constant polling regarding the quality of transmission on the transmission segments during a communication connection, where a change in transmission quality for any unit involved in the transmission initiates a change of codec operating modes and where the present or future change in codec operating mode is passed to the other units involved in the transmission.